

MULTIVITAMINS

INJECTABLE SOLUTION

Composition:

Each ml solution contains:

50,000 I.U. vitamin A
10,000 I.U. vitamin D3
10 mg vitamin E
2.5 mg vitamin B1
1.5 mg vitamin B6
17.5 mg nicotinamide
25 mg vitamin C
1.5 mg vitamin K3



Spectrum of activity:

The requirement of all vitamins varies not only with the different periods of growth and physiological functions (pregnancy, lactation), but also widely with nutrition.

Vitamin A plays an important role in the protection of the epithelial tissues (including retina and skin) and the mucous membranes and therefore as a protection against general infections.

Vitamin D3 takes care for a regular process of the calcium-phosphorous metabolism.

Vitamin E plays an important role in protecting the stability of vit. A and general as an antioxidant. The B-vitamins participate in the formation of enzymes and are indispensable for the metabolism of fats, proteins and carbohydrates and for normal growth of muscular and nervous tissues. Vit K is necessary for the biosynthesis of blood clotting factors. Nicotinamide is a coenzyme involved in the synthesis of DNA.

The deficiency of only one vitamin is rarely encountered. However, even in such cases it is advisable to administer the whole complex in order to prevent a possible deficiency of other vitamins.

After intramuscular injection, the vitamins are quickly and completely resorbed and a rapid therapeutic effect is attained in vitamin deficiencies.

Indications:

Treatment and prevention of vitamin deficiencies in farm animals. E.g. growth disturbances, weakness of new-born animals, neonatal anemia, sight disturbances, intestinal troubles, convalescence, anorexia, not-infectious reproductive disturbances, rachitis, muscle weakness, muscular tremor and myocardial failure with difficulties in breathing; worm infections.

Dosage and administration:

For subcutaneous or intramuscular injection. If necessary repeat injection after 3-5 days.

Cattle:	10-20 ml per animal.
Calves, foals:	5-10 ml per animal.
Lambs:	2-3 ml per animal.
Pigs:	10 ml per animal.
Piglets (10 kg):	1 ml per animal.
Piglets (10-30 kg):	1-3 ml per animal.

Withdrawal time:

None

Storage:

Store between 8 °C and 15 °C and protected from light.

Shelf life:

2 years.

Presentation:

100 ml multidose vial.

FOR VETERINARY USE ONLY